

Navarro, Albert



1600

RAW SEQUENCE LISTING

DATE: 04/02/2003

PATENT APPLICATION: US/09/594,906

TIME: 12:16:12

Input Set : N:\Crif3\RULE60\09594906.RAW.txt

Output Set: N:\CRF4\04022003\I594906.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:
 5 (i) APPLICANT: Bienvenut, Willy V.
 6 Hochstrasser, Denis F.
 8 (ii) TITLE OF INVENTION: METHOD OF IDENTIFYING PEPTIDES
 10 (iii) NUMBER OF SEQUENCES: 15
 12 (iv) CORRESPONDENCE ADDRESS:
 13 (A) ADDRESSEE: Baker & Botts L.L.P.
 14 (B) STREET: 30 Rockefeller Plaza
 15 (C) CITY: New York
 16 (D) STATE: New York
 17 (E) COUNTRY: USA
 18 (F) ZIP: 10112-0028
 20 (v) COMPUTER READABLE FORM:
 21 (A) MEDIUM TYPE: Floppy disk
 22 (B) COMPUTER: IBM PC compatible
 23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
 26 (vi) CURRENT APPLICATION DATA:
 C--> 27 (A) APPLICATION NUMBER: US/09/594,906
 C--> 28 (B) FILING DATE: 15-Jun-2000
 W--> 33 (C) CLASSIFICATION:
 30 (vii) PRIOR APPLICATION DATA:
 31 (A) APPLICATION NUMBER: US/09/107,991
 32 (B) FILING DATE: 30-JUNE-1998
 34 (viii) ATTORNEY/AGENT INFORMATION:
 35 (A) NAME: Seide, Rochelle K. Ph.D.
 36 (B) REGISTRATION NUMBER: 32,300
 37 (C) REFERENCE/DOCKET NUMBER: A31855
 39 (ix) TELECOMMUNICATION INFORMATION:
 40 (A) TELEPHONE: (212)705-5000
 41 (B) TELEFAX: (212)705-5020
 45 (2) INFORMATION FOR SEQ ID NO: 1:
 47 (i) SEQUENCE CHARACTERISTICS:
 48 (A) LENGTH: 14 amino acids
 49 (B) TYPE: amino acid
 50 (C) STRANDEDNESS:
 51 (D) TOPOLOGY: linear
 53 (ii) MOLECULE TYPE: peptide
 55 (v) FRAGMENT TYPE: internal
 60 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 62 Arg Ala Phe His Thr Thr Gly Arg Ile Ile Ala Gly Ala Glu
 63 1 5 10

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Input Set : N:\Crif3\RULE60\09594906.RAW.txt

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65 (2) INFORMATION FOR SEQ ID NO: 2:

67 (i) SEQUENCE CHARACTERISTICS:

68 (A) LENGTH: 20 amino acids

69 (B) TYPE: amino acid

70 (C) STRANDEDNESS:

71 (D) TOPOLOGY: linear

73 (ii) MOLECULE TYPE: peptide

75 (v) FRAGMENT TYPE: internal

80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

82 Ser His Ser Ala Asp Val Arg Ala Phe His Thr Thr Gly Arg Ile Ile

83 1 5 10 15

85 Ala Gly Ala Glu

86 20

88 (2) INFORMATION FOR SEQ ID NO: 3:

90 (i) SEQUENCE CHARACTERISTICS:

91 (A) LENGTH: 9 amino acids

92 (B) TYPE: amino acid

93 (C) STRANDEDNESS:

94 (D) TOPOLOGY: linear

96 (ii) MOLECULE TYPE: peptide

98 (v) FRAGMENT TYPE: internal

103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

105 Cys Pro Leu Thr Val Val Gln Ser Arg

106 1 5

108 (2) INFORMATION FOR SEQ ID NO: 4:

110 (i) SEQUENCE CHARACTERISTICS:

111 (A) LENGTH: 11 amino acids

112 (B) TYPE: amino acid

113 (C) STRANDEDNESS:

114 (D) TOPOLOGY: linear

116 (ii) MOLECULE TYPE: peptide

118 (v) FRAGMENT TYPE: internal

123 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

125 Gly Ile Gly Thr Ile Ile Ser Ser Pro Tyr Arg

126 1 5 10

128 (2) INFORMATION FOR SEQ ID NO: 5:

130 (i) SEQUENCE CHARACTERISTICS:

131 (A) LENGTH: 10 amino acids

132 (B) TYPE: amino acid

133 (C) STRANDEDNESS:

134 (D) TOPOLOGY: linear

136 (ii) MOLECULE TYPE: peptide

138 (v) FRAGMENT TYPE: internal

143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

145 Asn Lys Pro Leu Val Val Gln Phe Gln Lys

146 1 5 10

148 (2) INFORMATION FOR SEQ ID NO: 6:

150 (i) SEQUENCE CHARACTERISTICS:

151 (A) LENGTH: 13 amino acids

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DATE: 04/02/2003

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Input Set : N:\Crf3\RULE60\09594906.RAW.txt

Output Set: N:\CRF4\04022003\I594906.raw

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152          (B) TYPE: amino acid
153          (C) STRANDEDNESS:
154          (D) TOPOLOGY: linear
156      (ii) MOLECULE TYPE: peptide
158          (v) FRAGMENT TYPE: internal
163      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
165      Ile Arg Phe Ile Ala Glu Gly His Pro Leu Ser Leu Lys
166      1          5          10
168 (2) INFORMATION FOR SEQ ID NO: 7:
170      (i) SEQUENCE CHARACTERISTICS:
171          (A) LENGTH: 13 amino acids
172          (B) TYPE: amino acid
173          (C) STRANDEDNESS:
174          (D) TOPOLOGY: linear
176      (ii) MOLECULE TYPE: peptide
178          (v) FRAGMENT TYPE: internal
183      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
185      Ile Gly Glu Asn Lys Asp Ala Asn Asp Gly Trp Phe Arg
186      1          5          10
188 (2) INFORMATION FOR SEQ ID NO: 8:
190      (i) SEQUENCE CHARACTERISTICS:
191          (A) LENGTH: 16 amino acids
192          (B) TYPE: amino acid
193          (C) STRANDEDNESS:
194          (D) TOPOLOGY: linear
196      (ii) MOLECULE TYPE: peptide
198          (v) FRAGMENT TYPE: internal
203      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
205      Asn Glu Leu Asp Lys Gly Ile Gly Thr Ile Ile Ser Ser Pro Tyr Arg
206      1          5          10          15
209 (2) INFORMATION FOR SEQ ID NO: 9:
211      (i) SEQUENCE CHARACTERISTICS:
212          (A) LENGTH: 30 amino acids
213          (B) TYPE: amino acid
214          (C) STRANDEDNESS:
215          (D) TOPOLOGY: linear
217      (ii) MOLECULE TYPE: peptide
219          (v) FRAGMENT TYPE: internal
224      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
226      Asp Phe Val Leu Asp Asn Glu Gly Asn Pro Leu Glu Asn Gly Gly Thr
227      1          5          10          15
229      Tyr Tyr Ile Leu Ser Asp Ile Thr Ala Phe Gly Gly Ile Arg
230      20          25          30
232 (2) INFORMATION FOR SEQ ID NO: 10:
234      (i) SEQUENCE CHARACTERISTICS:
235          (A) LENGTH: 10 amino acids
236          (B) TYPE: amino acid
237          (C) STRANDEDNESS:
238          (D) TOPOLOGY: linear

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Output Set: N:\CRF4\04022003\I594906.raw

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240      (ii) MOLECULE TYPE: peptide
242      (v) FRAGMENT TYPE: internal
247      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
249      Ala Ala Cys Gly Ile Thr Asn Lys Pro Lys
250      1          5          10
252 (2) INFORMATION FOR SEQ ID NO: 11:
254      (i) SEQUENCE CHARACTERISTICS:
255          (A) LENGTH: 16 amino acids
256          (B) TYPE: amino acid
257          (C) STRANDEDNESS:
258          (D) TOPOLOGY: linear
260      (ii) MOLECULE TYPE: peptide
262      (v) FRAGMENT TYPE: internal
267      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
269      Arg Glu Leu Gln Leu Val Gly Ile Ser Ala Met Leu Met Ala Ser Lys
270      1          5          10          15
273 (2) INFORMATION FOR SEQ ID NO: 12:
275      (i) SEQUENCE CHARACTERISTICS:
276          (A) LENGTH: 28 amino acids
277          (B) TYPE: amino acid
278          (C) STRANDEDNESS:
279          (D) TOPOLOGY: linear
281      (ii) MOLECULE TYPE: peptide
283      (v) FRAGMENT TYPE: internal
288      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
290      Leu His Thr Gly Tyr Ser Gln Glu Gln Leu Met Asp Cys Ala Arg Leu
291      1          5          10          15
293      Leu Val Gly Phe Tyr Ser Thr Leu Glu Asn Gly Lys
294      20          25
296 (2) INFORMATION FOR SEQ ID NO: 13:
298      (i) SEQUENCE CHARACTERISTICS:
299          (A) LENGTH: 13 amino acids
300          (B) TYPE: amino acid
301          (C) STRANDEDNESS:
302          (D) TOPOLOGY: linear
304      (ii) MOLECULE TYPE: peptide
306      (v) FRAGMENT TYPE: internal
311      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
313      Asn Lys Pro Leu Val Val Gln Phe Gln Lys Leu Asp Lys
314      1          5          10
316 (2) INFORMATION FOR SEQ ID NO: 14:
318      (i) SEQUENCE CHARACTERISTICS:
319          (A) LENGTH: 17 amino acids
320          (B) TYPE: amino acid
321          (C) STRANDEDNESS:
322          (D) TOPOLOGY: linear
324      (ii) MOLECULE TYPE: peptide
326      (v) FRAGMENT TYPE: internal
331      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

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RAW SEQUENCE LISTING

DATE: 04/02/2003

PATENT APPLICATION: US/09/594,906

TIME: 12:16:12

Input Set : N:\Crf3\RULE60\09594906.RAW.txt

Output Set: N:\CRF4\04022003\I594906.raw

333 Ala Ala Pro Thr Gly Asn Glu Arg Cys Pro Leu Thr Val Val Gln Ser
334 1 5 10 15
336 Arg
339 (2) INFORMATION FOR SEQ ID NO: 15:
341 (i) SEQUENCE CHARACTERISTICS:
342 (A) LENGTH: 16 amino acids
343 (B) TYPE: amino acid
344 (C) STRANDEDNESS:
345 (D) TOPOLOGY: linear
347 (ii) MOLECULE TYPE: peptide
349 (v) FRAGMENT TYPE: internal
354 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
356 Cys Gly Asp Ile Gly Ile Ser Ile Asp His Asp Asp Gly Thr Arg Arg
357 1 5 10 15

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/594,906

DATE: 04/02/2003

TIME: 12:16:13

Input Set : N:\Crf3\RULE60\09594906.RAW.txt

Output Set: N:\CRF4\04022003\I594906.raw

L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:33 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)

L.
Cook



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/851,058

DATE: 04/02/2003

TIME: 13:54:14

Input Set : A:\SYP-172 US.ST25.txt

Output Set: N:\CRF4\04022003\I851058.raw

W--> 1 SYP-172 US.ST25.txt *delete*
 4 <110> APPLICANT: Parker, Kenneth
 5 Nadler, Timothy
 6 Vella, George
 7 Huang, Yulin
 8 Abersold, Rudolf
 9 Smolka, Marcus
 11 <120> TITLE OF INVENTION: Process for Analyzing Protein Samples
 13 <130> FILE REFERENCE: SYP-172
 15 <140> CURRENT APPLICATION NUMBER: 09/851,058
 16 <141> CURRENT FILING DATE: 2001-05-08
 18 <160> NUMBER OF SEQ ID NOS: 3
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 10
 24 <212> TYPE: PRT
 C--> 25 <213> ORGANISM: Artificial Sequencing *e*
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: synthetic peptides
 30 <400> SEQUENCE: 1
 32 Gln Leu Pro Cys Pro Ala Glu Leu Leu Arg
 33 1 5 10
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 5
 38 <212> TYPE: PRT
 C--> 39 <213> ORGANISM: Artificial Sequencing *e*
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: Synthetic peptides
 44 <400> SEQUENCE: 2
 46 Tyr Ser Gln Cys Arg
 47 1 5
 50 <210> SEQ ID NO: 3
 51 <211> LENGTH: 5
 52 <212> TYPE: PRT
 C--> 53 <213> ORGANISM: Artificial Sequencing *e*
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Synthetic peptides
 58 <400> SEQUENCE: 3
 60 Tyr Thr Gln Cys Arg
 61 1 5

**Does Not Comply
Corrected Diskette Needed**

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/851,058

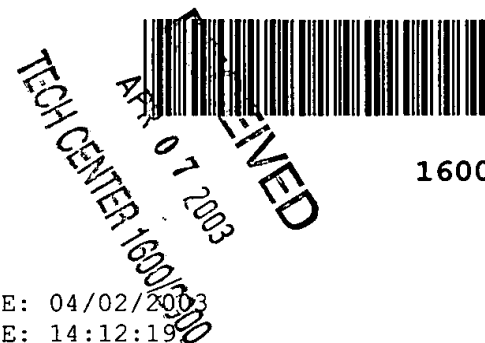
DATE: 04/02/2003

TIME: 13:54:15

Input Set : A:\SYP-172 US.ST25.txt

Output Set: N:\CRF4\04022003\I851058.raw

L:1 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:
L:25 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:39 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:53 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/09/851,058

DATE: 04/02/2003

TIME: 14:12:19

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\04022003\I851058.raw

3 <110> APPLICANT: Parker, Kenneth
 4 Nadler, Timothy
 5 Vella, George
 6 Huang, Yulin
 7 Abersold, Rudolf
 8 Smolka, Marcus
 10 <120> TITLE OF INVENTION: Process for Analyzing Protein Samples
 12 <130> FILE REFERENCE: SYP-172
 14 <140> CURRENT APPLICATION NUMBER: 09/851,058
 15 <141> CURRENT FILING DATE: 2001-05-08
 17 <160> NUMBER OF SEQ ID NOS: 3
 19 <170> SOFTWARE: PatentIn version 3.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 10
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: synthetic peptides
 29 <400> SEQUENCE: 1
 31 Gln Leu Pro Cys Pro Ala Glu Leu Leu Arg
 32 1 5 10
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 5
 37 <212> TYPE: PRT
 38 <213> ORGANISM: Artificial Sequence
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: Synthetic peptides
 43 <400> SEQUENCE: 2
 45 Tyr Ser Gln Cys Arg
 46 1 5
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 5
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Artificial Sequence
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: Synthetic peptides
 57 <400> SEQUENCE: 3
 59 Tyr Thr Gln Cys Arg
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/851,058

DATE: 04/02/2003

TIME: 14:12:20

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\04022003\I851058.raw